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NEWS	4	JAN 28	USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS	5	JAN 28	MARPAT searching enhanced
NEWS	6	JAN 28	USGENE now provides USPTO sequence data within 3 days of publication
NEWS	7	JAN 28	TOXCENTER enhanced with reloaded MEDLINE segment
NEWS	8	JAN 28	MEDLINE and LMEDLINE reloaded with enhancements
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NEWS	12	FEB 25	IMSPRODUCT reloaded with enhancements
NEWS	13	FEB 29	WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification
NEWS	14	MAR 31	IFICDB, IFIPAT, and IFIUDB enhanced with new custom IPC display formats
NEWS	15	MAR 31	CAS REGISTRY enhanced with additional experimental spectra
NEWS	16	MAR 31	CA/CAPLUS and CASREACT patent number format for U.S. applications updated
NEWS	17	MAR 31	LPCI now available as a replacement to LDPCI
NEWS	18	MAR 31	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	19	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS	20	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS	21	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS	22	APR 28	IMSRESEARCH reloaded with enhancements
NEWS	23	MAY 30	INPAFAMDB now available on STN for patent family searching
NEWS	24	MAY 30	DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS	25	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS	26	JUN 06	KOREAPAT updated with 41,000 documents
NEWS EXPRESS	FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3, AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008		
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=> s asymmetric disulfide
L1 153 ASYMMETRIC DISULFIDE

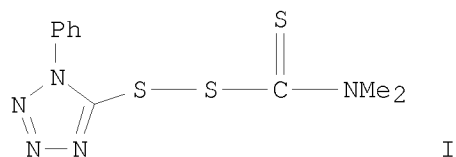
=> s polymer
L2 1812816 POLYMER

=> s L1 and L2
L3 5 L1 AND L2

=> dup rem L3
PROCESSING COMPLETED FOR L3
L4 5 DUP REM L3 (0 DUPLICATES REMOVED)

=> d 1-5 L4 ibib abs

L4 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2006:1117570 CAPLUS
DOCUMENT NUMBER: 146:82228
TITLE: A New Efficient Photoiniferter for Living Radical
Photopolymerization
AUTHOR(S): Lalevee, J.; Allonas, X.; Fouassier, J. P.
CORPORATE SOURCE: Department of Photochemistry, University of haute
Alsace, Mulhouse, 68093, Fr.
SOURCE: Macromolecules (2006), 39(24), 8216-8218
CODEN: MAMOBX; ISSN: 0024-9297
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
GI



AB The new asym. disulfide photoiniferter (I) appears as powerful to control the final properties of the formed polymer. It leads to high Mn whereas a combination of I with a tetra-Me thiuram disulfide is better for obtaining both low Mn and narrower polydispersity index. The control of the polymerization of multifunctional monomers usable in the UV curing are also appears feasible. Compound I can also create a large variety of dormant species in a polymer matrix: the formation of a PMMA-polystyrene copolymer through a sequential approach was easily achieved.

REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:490449 CAPLUS

DOCUMENT NUMBER: 141:42925

TITLE: Asymmetric disulfides for restoring normal cellular functions

INVENTOR(S): Kirkpatrick, Lynn; Powis, Garth

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 23 pp., Cont.-in-part of U.S. Ser. No. 366,751.
CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20040116496	A1	20040617	US 2003-617949	20030710
WO 9824472	A1	19980611	WO 1997-US22292	19971205
W: AL, AT, BA, BB, BG, BR, CA, CH, CU, CZ, EE, GE, HU, ID, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 6552060	B1	20030422	US 1998-132421	19980811
US 20020055131	A1	20020509	US 2001-875578	20010606
US 6689775	B2	20040210		
US 20030176512	A1	20030918	US 2003-366751	20030214
CA 2573060	A1	20050127	CA 2004-2573060	20040712
WO 2005007108	A2	20050127	WO 2004-US22280	20040712
WO 2005007108	A3	20050825		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,				

AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
 EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
 SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
 SN, TD, TG

PRIORITY APPLN. INFO.: US 1996-31995P P 19961206
 US 1997-55201P P 19970811
 WO 1997-US22292 W 19971205
 US 1998-132421 A1 19980811
 US 1999-319292 B1 19990603
 US 2001-875578 A2 20010606
 US 2003-366751 A2 20030214
 US 2003-617949 A 20030710
 WO 2004-US22280 W 20040712

AB The present invention is directed to a composition or formulation which includes an asym. disulfide which alone or in combination inhibits or interferes with cellular redox function, as well as a method of using same to restore normal cellular function. More specifically, the composition of the present invention is delivered to the patient over a period of time and interacts with, interfere with, or inhibits abnormal cellular proliferation and restores or prevents inhibition of cellular apoptosis. The asym. disulfide, preferably 1-methylpropyl-2-imidazolyldisulfide, is i.v. or orally administered to inhibit the abnormal cell growth, such as FAP polyps and angiogenesis.

L4 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2002:345202 CAPLUS
 DOCUMENT NUMBER: 136:361628
 TITLE: Optical components
 INVENTOR(S): Okubo, Takeshi; Kan, Takeshi
 PATENT ASSIGNEE(S): Hoya Corp., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002131502	A	20020509	JP 2000-327113	20001026
JP 3730107	B2	20051221		
AU 755212	B2	20021205	AU 2001-78283	20011009
EP 1211276	A2	20020605	EP 2001-124207	20011012
EP 1211276	A3	20031126		
EP 1211276	B1	20061220		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

AT 348851	T	20070115	AT 2001-124207	20011012
CA 2359876	A1	20020426	CA 2001-2359876	20011024
CA 2359876	C	20050614		
CN 1351009	A	20020529	CN 2001-135594	20011026
US 20020099167	A1	20020725	US 2001-984070	20011026
US 6559276	B2	20030506		
CN 1554958	A	20041215	CN 2004-10063844	20011026
KR 2004091600	A	20041028	KR 2004-66483	20040823

PRIORITY APPLN. INFO.: JP 2000-327112 A 20001026
 JP 2000-327113 A 20001026
 KR 2001-65648 A3 20011024

AB The components (e.g. lenses) comprise a polymer of an asym. disulfide monomer.

L4 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2002:344913 CAPLUS
DOCUMENT NUMBER: 136:355589
TITLE: Asymmetric disulfides and their
manufacture for optical materials having high
refractive index and Abbe's number
INVENTOR(S): Okubo, Takeshi; Kan, Takeshi
PATENT ASSIGNEE(S): Hoya Corp., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002128756	A	20020509	JP 2000-327112	20001026
JP 3768397	B2	20060419		
AU 755212	B2	20021205	AU 2001-78283	20011009
EP 1211276	A2	20020605	EP 2001-124207	20011012
EP 1211276	A3	20031126		
EP 1211276	B1	20061220		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
AT 348851	T	20070115	AT 2001-124207	20011012
CA 2359876	A1	20020426	CA 2001-2359876	20011024
CA 2359876	C	20050614		
CN 1351009	A	20020529	CN 2001-135594	20011026
US 20020099167	A1	20020725	US 2001-984070	20011026
US 6559276	B2	20030506		
CN 1554958	A	20041215	CN 2004-10063844	20011026
KR 2004091600	A	20041028	KR 2004-66483	20040823
PRIORITY APPLN. INFO.:			JP 2000-327112	A 20001026
			JP 2000-327113	A 20001026
			KR 2001-65648	A3 20011024

OTHER SOURCE(S): MARPAT 136:355589

AB The compds. are manufactured by reaction of O-alkyl S-substituted sulfenyl
thiocarbonates with thiols. Methoxycarbonylsulfenyl chloride was reacted
with 1,2-dimercaptoethane in CH₂Cl₂ at room temperature for 2 h and treated
with 2,3-epithiopropylmercaptan in the presence of NEt₃ in CH₂Cl₂ at room
temperature for 3 h to give 1,6-bis(2,3-epithiopropyl)-1,2,5,6-tetrathiahexane, which
was polymerized to give a polymer showing refractive index 1.735 and
Abbe's number 32.1.

L4 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1994:535436 CAPLUS
DOCUMENT NUMBER: 121:135436
ORIGINAL REFERENCE NO.: 121:24501a,24504a
TITLE: Ultrathin self-assembled polymeric films on solid
surfaces. III. Influence of acrylate dithioalkyl side
chain length on polymeric monolayer formation on gold
AUTHOR(S): Sun, F.; Grainger, D. W.; Castner, D. G.
CORPORATE SOURCE: Dep. Chem., Biochem. Mol. Biol., Oregon Grad. Inst.
Sci. Technol., Portland, OR, 97291-1000, USA
SOURCE: Journal of Vacuum Science & Technology, A: Vacuum,
Surfaces, and Films (1994), 12(4, Pt. 2), 2499-506
CODEN: JVTAD6; ISSN: 0734-2101
DOCUMENT TYPE: Journal
LANGUAGE: English

AB Self-assembled films of acrylate polymers containing dithioalkyl side chains of varying lengths have been fabricated on gold substrates by adsorption from dilute organic solution. Anchoring alkyl side chain types studied include lipoate (n = 4), pentyl dithioundecanoate (n = 10), pentyl dithiopalmate (n = 15), and pentyl dithiotricosonate (n = 22), where n represents the number of methylene units in the longer arm of the asym. disulfide side chain. Comprehensive characterization of polymer monolayers by XPS and reflection Fourier transform IR spectroscopy showed improved order for structural assemblies of C11 (n = 10) side chain polymer monolayers, over shorter and longer side chain polymer analogs, due to a higher percentage of bound thiolate anchors. Monolayer thicknesses range from 20 to 40 Å, primarily depending on side chain length and d. along the polymer backbone. Cyclic voltammetry on gold electrodes shows that longer side chain polymer monolayers possess more structural defects resulting from considerable disorder in the films. Despite the less organized structural features for these polymer monolayers, their selective adsorption onto gold via specific side chain terminal disulfide anchors on microlithographed substrate patterns creates well-resolved surface-modified microstructures comparable to those from monomeric analogs, as shown by scanning Auger mapping.

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